

Amendments to the Abstract:

Please replace the Abstract in its entirety with the following new Abstract:

Abstract

A photo cathode converts an incident light into photoelectrons. A photomultiplier, kept vacuum inside thereof, amplifies photoelectrons converted by the photo cathode. Photoelectrons intensified by the photomultiplier arrive at an output electrode array, and a current signal produced by the photoelectrons arriving at the output electrode array is directly read outside the photomultiplier via metal bulbs or anisotropic conductive rubber.